

Figure 1: Effects of MgSO_4 and NaCl on formulations containing 16% SLES, 3% CAPB, 0% Rewoderm LIS75, and 0% PEG400.

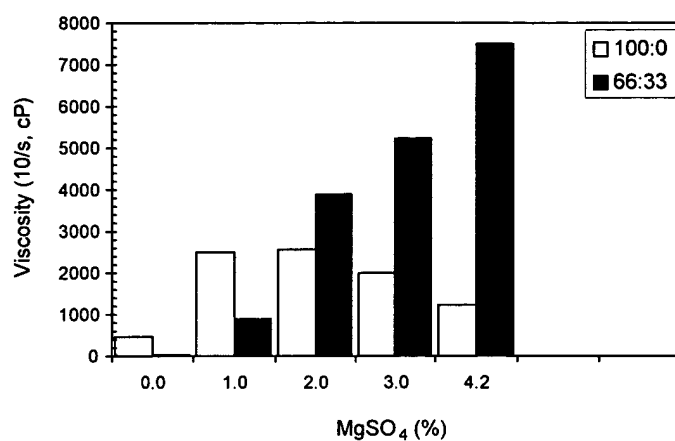


Figure 2: Effect of MgSO₄ concentration neat and diluted samples of monophasic and biphasic formulations (16% SLES, 3% CAPB, 4% Rewoderm LIS 75, 11% PEG400). MgSO₄ concentration labels are of the neat samples.

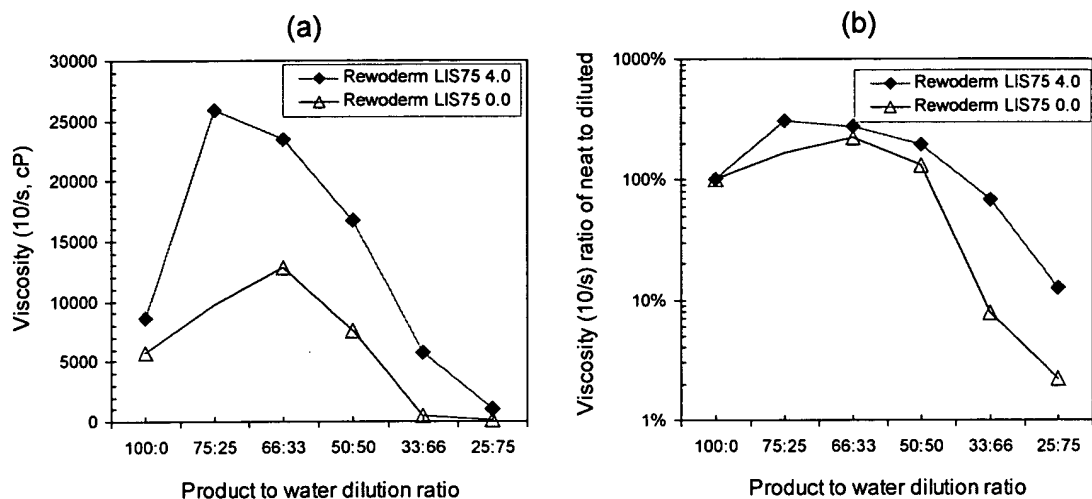


Figure 3: Dilution thickening effects on formulations of (16% SLES, 3% CAPB, 0% PEG400, 5% MgSO_4) with and without 4% Rewoderm LIS75; (a) absolute viscosities as function of dilution ratio, (b) percent ratios of diluted to initial viscosities.

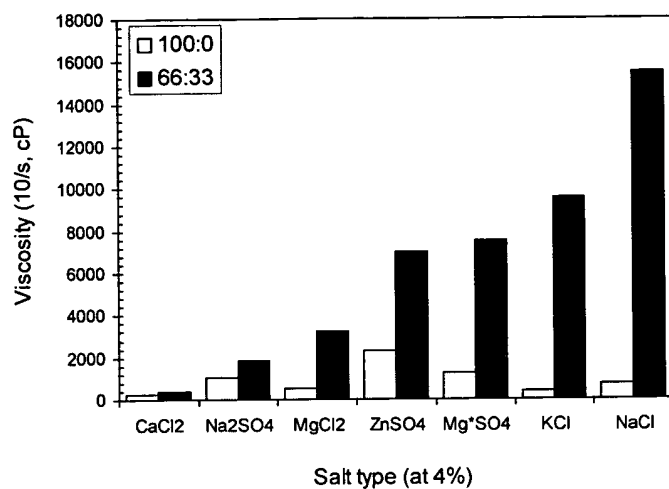


Figure 4: Effect of salts on neat and diluted samples of formulations containing 16% SLES, 3% CAPB, 4% Rewoderm LIS 75, 11% PEG400. Salt concentration was fixed at 4%. All samples were monophasic.

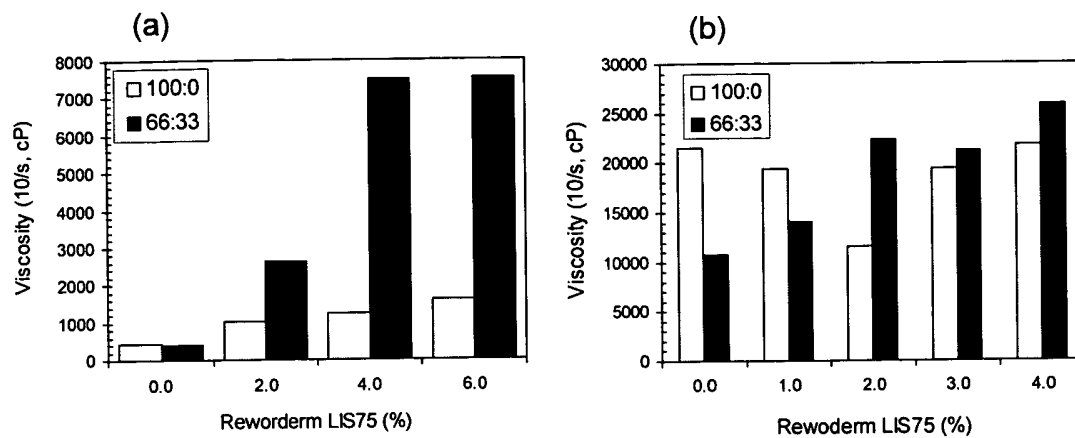


Figure 5: Effect of Rewoderm LIS75 concentration on formulations with 16% SLES, and 3% CAPB; samples in plot (a) also contains 4.2% MgSO_4 and 11% PEG400, samples in (b) contains 4% MgSO_4 and 0% PEG400.

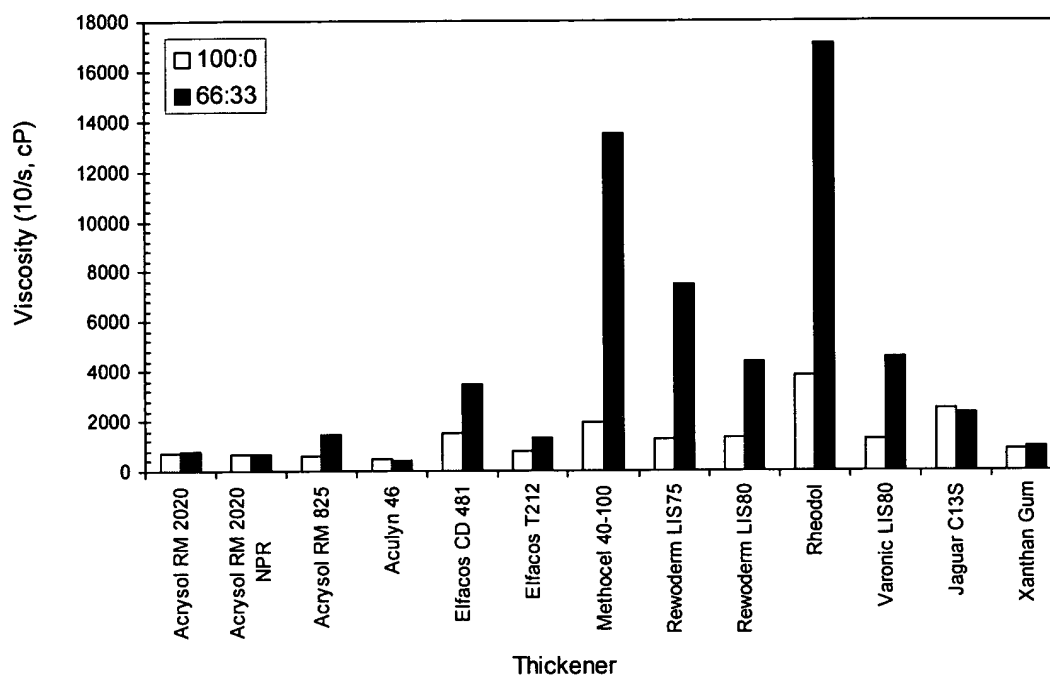


Figure 6: Effect of thicker types or formulations with 16% SLES, 3% CAPB, 11% PEG400, and 4.2% MgSO_4 . All thickeners listed were soluble in this surfactant salt composition. Thickener concentrations are fixed 4% except for Jaguar C13S and xanthan gum, which were reduced to 1% due to the high viscosity of the neat product.